

CLAIMS

We claim:

1 1. A system for providing synchronization verification of multiple applications across
2 remote systems, the synchronization verification system comprising:
3 local application sharing logic configured to receive events to be shared from a local
4 application comprising at least one local application window, and transmit said events to be
5 shared;
6 remote application sharing logic configured to receive events to be shared from said local
7 application sharing logic, and transmit said events to at least one corresponding remote application
8 comprising at least one remote application window, for processing; and
9 window synchronization verification logic configured to correlate said at least one local
10 application window with said at least one remote application window.

1 2 The system of claim 1, wherein said window synchronization verification logic
2 further comprises:
3 static synchronization verification logic configured to verify synchronization of said at
4 least one local application window with said at least one remote application window at system
5 startup.

1 3. The system of claim 2, wherein said static synchronization verification logic further
2 comprises:

3 local static synchronization verification logic configured to select said first local
4 application window and direct said at least one corresponding remote application to locate a first
5 remote application window corresponding to said first local application window; and
6 remote static synchronization verification logic configured to find said first remote
7 application window corresponding to said first local application window in said at least one
8 corresponding remote application.

1 4. The system of claim 3, wherein said remote static synchronization verification
2 logic further comprises:

3 remote static synchronization reply logic configured to notify said local static
4 synchronization verification logic if said first remote application window corresponding to said
5 first local application window is found in said at least one corresponding remote application; and

6 wherein said local static synchronization verification logic further comprises:

7 local message generation logic configured to generate a message for display to said local
8 application if said first remote application window corresponding to said first local application
9 window is not found.

1 5. The system of claim 1, wherein said window synchronization verification logic
2 further comprises:

3 dynamic synchronization verification logic configured to verify synchronization of said at
4 least one local application window with said at least one remote application window when said
5 events to be shared are received by said remote application sharing logic.

1 6. The system of claim 5, wherein said dynamic synchronization verification logic
2 further comprises:

3 application input suppression logic configured to suppress input to said at least one local
4 application window and said at least one remote application window if said at least one local
5 application window and said at least one remote application window are not in synchronization;
6 and
7 local message generation logic configured to generate a failed dynamic synchronization
8 message for display to said local application if said at least one local application window and said
9 at least one remote application window are not in synchronization.

1 7. A method for providing synchronization verification of multiple applications across
2 remote systems, comprising the steps of:

3 selecting a local application, said local application including at least one local application
4 window, to share events with at least one corresponding remote application, said at least one
5 corresponding remote application including at least one remote application window;
6 transmitting said shared events from said at least one local application window to said at
7 least one remote application window for processing; and
8 verifying synchronization of said at least one local application window with said at least
9 one remote application window.

1 8. The method of claim 7, further comprising the step of:

2 providing static synchronization of said at least one local application window with said at
3 least one remote application window prior to transmitting said shared events.

1 9. The method of claim 8, further comprising the steps of:

2 selecting a first local application window;
3 directing said at least one corresponding remote application to locate a first remote
4 application window corresponding to said first local application window; and
5 finding said first remote application window corresponding to said first local application
6 window in said at least one corresponding remote application.

1 10. The method of claim 9, further comprising the steps of:

2 notifying said local application if said first remote application window corresponding to

3 said first local application window is found in said at least one corresponding remote application;

4 and

5 generating a message for display by said local application if said first remote application

6 window corresponding to said first local application window is not found.

1 11. The method of claim 7, further comprising the step of:

2 verifying synchronization of said at least one local application window with said at least

3 one remote application window when said events to be shared are received by said at least one

4 remote application window.

1 12. The method of claim 11, further comprising the steps of:

2 suppressing input to said at least one local application window and said at least one remote

3 application window if said at least one local application window and said at least one remote

4 application window are not in synchronization; and

5 generating a failed dynamic synchronization message for display by said local application

6 if said at least one local application window and said at least one remote application window are

7 not in synchronization.

1 13. A system for providing synchronization verification of multiple applications across
2 remote systems, the synchronization verification system comprising:

3 means for selecting a local application, said local application including at least one local
4 application window to share events with at least one corresponding remote application, said at
5 least one corresponding remote application including at least one remote application window;
6 means for transmitting said shared events from said at least one local application window
7 to said at least one remote application window for processing; and

8 means for verifying synchronization of said at least one local application window with said
9 at least one remote application window.

1 14. The system of claim 13, wherein said verifying synchronization means further
2 comprises:

3 means for providing static synchronization of said at least one local application window
4 with said at least one remote application window prior to transmitting said share events.

1 15. The system of claim 14, wherein said means for providing static synchronization
2 further comprises:

3 means for selecting a first local application window;
4 means for directing said at least one corresponding remote application to locate a first
5 remote application window corresponding to said first local application window; and
6 means for finding said first remote application window corresponding to said first local

1 16. The system of claim 15, wherein said means for providing static synchronization
2 further comprises:

3 means for notifying said local application if said first remote application window
4 corresponding to said first local application window is found in said at least one corresponding
5 remote application; and
6 means for generating a message for display by said local application if said first remote
7 application window corresponding to said first local application window is not found.

1 17. The system of claim 13, further comprising:

2 means for dynamic synchronization of said at least one local application window with said
3 at least one remote application window when said shared events are received by said at least one
4 remote application window.

1 18. The system of claim 17, wherein said means for dynamic synchronization further
2 comprises:

3 means for suppressing input to said at least one local application window and said at least
4 one remote application window if said at least one local application window and said at least one
5 remote application window are not in synchronization; and